

General Introduction

We ESPA, Erosion Specialists of Pennsylvania, can confirm that we are a local company that has been in business for ten years straight. We have seen situations involving Hurricane Irene, and Hurricane Sandy, in which much erosion was caused. Our employees are fully trained, and ready to work at any time. Roaring Creek is in endangered and needs our help as soon as possible. We are its last hope!

Erosion Explanation

Erosion can be caused by many factors, including heavy rains, floods, winds, gravity, and glaciers. Because of these disasters, sediment can be moved to another location. This causes bodies of water, deserts, and beaches to change throughout the world.

Problem at the Nature Trail Creek

There are many problems occurring at Roaring Creek, but the erosion is our main (biggest) concern. The banks of the creek are being washed away which is causing the trees on the banks to tilt at an acute angle. We are concerned that the creek will eventually take over the banks, and wash away all vegetation. Without our help, the creek will lose its beautiful look.

Our Company's Solution

Some may say that we are a young company to be doing such a big project, but they are wrong. We are fully experienced, considering we have seen situations with two national hurricanes, Irene (September 2011), and Sandy (October 2012). We have taken all of our knowledge to come up with this idea.

To do this, we will need many different materials. The first material we will need will be top soil. We will need 5, 40 pound bags of top soil, costing \$1.50 per 40 pound bag. So, the overall cost for the top soil will be **\$7.50**. With this soil, we

will layer it on top of the rocks that we are purchasing. We will use this to make a gradually inclining hill going up to the bank.

Another thing we will need will be shrubs. We will use Korean Boxwood. These shrubs are very wide, and will beautify the area. They will cost \$3.98 each, and we will need 2 shrubs. The final cost will be **\$7.96**, for the two shrubs. We will plant these in the soil.

Also, we will be getting medium sized rocks that will be provided. But, they will cost \$20 per load. We are only getting one load, so the total cost for the rocks will be **\$20**.

After all of our purchases, our project will be a total of **\$35.46**. We hope that you trust us in doing your project, as our employees are well experienced. This project will be low costing, and a success!

General Conclusion

As you may see, our company's solution is very affective. As the overall cost is only \$35.46, this will be a quick, easy, and inexpensive project. Throughout our history we have seen many cases involving creek erosion, so our employees are well experienced with these types of situations. Without or help, Roaring Creek would be no more!